GP-302988

ELECTRONIC THROTTLE CONTROL (ETC) IDLE AREA REQUEST SECURITY

ABSTRACT OF THE DISCLOSURE

An electronic throttle control (ETC) system to control an idle speed of an engine includes an accessory that increases a load on the engine and a controller that generates an idle request signal based on the increased load. The controller compares the idle request signal to an idle maximum signal and sets an idle command signal equal to the idle request signal if the idle request signal is less than the idle maximum signal. The controller determines the idle command signal based on the idle request signal, a previous idle command signal and the idle maximum increase signal if the idle request signal is greater than the idle maximum signal.